

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved,
Budget Bureau No. 42-B355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. SE 0780723 08723	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Energy Reserves Group, Inc.				7. UNIT AGREEMENT NAME Gallegos Canyon Unit	
3. ADDRESS OF OPERATOR P.O. Box 3280 - Casper, Wyoming 82602				8. FARM OR LEASE NAME Gallegos Canyon Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1,620' FSL, 900' FEL (NE SE) At top prod. interval reported below At total depth				9. WELL NO. 301	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT West Kutz Pictured Cliffs	
15. DATE SPUDDED 1-21-80				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20-T29N-R12W	
16. DATE T.D. REACHED 1-26-80				12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 6-10-80				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GRD 5,522' KB 5,532'				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 1,741'		21. PLUG, BACK T.D., MD & TVD 1,705'		22. IF MULTIPLE COMPL., HOW MANY* NA	
23. INTERVALS DRILLED BY →				24. ROTARY TOOLS O-TD	
25. CABLE TOOLS				26. WAS DIRECTIONAL SURVEY MADE NO	
27. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1,462' - 1,475' - Pictured Cliffs				28. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electrolog & Compensated Densilog - Compensated Neutron	
29. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electrolog & Compensated Densilog - Compensated Neutron				30. WAS WELL CORED NO	
31. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24#		130' KB	
4-1/2"		10.5# & 11.6#		1740' KB	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-1/4"		100 sks 'B' + 3% CaCl ₂ + 1/4#/sk Flocele		-0-	
6-3/4"		400 sks 50-50 Pozmix + 1/4#/sk Flocele *		-0-	
32. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
				None	
SACKS CEMENT*		SCREEN (MC)			
33. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		1,466'		None	
34. PERFORATION RECORD (Interval, size and number)					
1,486' - 1,488' w/2 JSPF - Cemented					
1,520' - 1,521' w/2 JSPF - Cemented					
1,462' - 1,475' w/1 JSPF - Production Perfs.					
35. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
1,462' - 1,475'		Breakdown w/750 gal 7-1/2% "Spearhead acid-Frac w/5000 gal 70% quality foam pad + 30,000 gal 70% quality foam w/47,500# 10-20 sand.			
36. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in) SI
DATE OF TEST 6-10-80		HOURS TESTED 24	CHOKE SIZE 3/8"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0
FLOW. TUBING PRESS. 105 psi		CASING PRESSURE 190 psi	CALCULATED 24-HOUR RATE →	OIL—BBL. 0	GAS—MCF. 450
					WATER—BBL. 79
					GAS-OIL RATIO NA
37. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented During Test					
38. TEST WITNESSED BY T.C. Durham					
39. LIST OF ATTACHMENTS Sample Description					
40. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>J. Jones</u>		TITLE <u>Dist Engr - RMD</u>		DATE <u>June 10, 1980</u>	

*(See Instructions and Spaces for Additional Data on Reverse Side)

N40000

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
			<u>SEE ATTACHED</u> * 4-1/2" cemented back to surface	LOG TOPS	
				Kirtland	260'
				Fruitland	1,172'
				Pictured Cliffs	1,460'
				Lewis	1,713'
				TD Driller	1,741'
				Logger	1,725'

SAMPLE DESCRIPTION

130 - 250 100% Ss: clr wht, cg, sbrnd, arkosic, lse.
Tr. Coal: blk, vitreous

50 - 80 50% Ss: AA
50% Sh: bl gry, sft, clayey, some slty, blk

280 - 340 100% Sh: bl gry, sft, blk, clayey

40 - 70 20% Ss: wht, fg, sbang, cly fld, tite
80% Sh: AA, some sl slty, micromic.

370 - 400 N.S.

400 - 60 10% Ss: wht, vfn-g, sbrnd, mod cly fld, tite
90% Sh: AA

60 - 90 30% Ss: wht, fg, sbrnd, mod cly fld, sl porous
70% Sh: gry-brn, frm, blk, some slty, w/carb incl

490 - 520 20% Ss: AA
80% Sh: AA, some clayey

20 - 50 50% Ss: wht, fg, sbrnd, sl cly fld, gd por
50% Sh: AA

50 - 80 40% Ss: AA
60% Sh: AA

580 - 610 30% Ss: AA
70% Sh: AA

10 - 40 20% Ss: AA
80% Sh: gry, sft-frm, plty, sl slty, w/carb incl

40 - 70 10% Ss: AA
90% Sh: AA
Tr. Chert: clr, cg, sbrnd

670 - 700 20% Ss: wht, fg, sbrnd, cly fld, tite
80% Sh: AA
Tr. Chert: AA

700 - 30 70% Ss: wht-gry, fg, sbrnd, mod cly fld, fair por,
sl feld, w/occ carb incl
30% Sh: AA

30 - 60 30% Ss: AA
70% Sh: gry, frm, blk-plty, slty, w/carb incl

60 - 90 50% Ss: wht, fg, sbrnd, sl cly fld, gd por
50% Sh: AA

790 - 820 20% Ss: gry-wht, fg, sbrnd, cly fld-sl shly, tite
80% Sh: gry, sft, plty, clayey, some dk gry and carb.

820 - 80 20% Ss: wht, fg, sbang, cly fld, tite
 80% Sh: gry-bl gry, sft, plty-blky, clayey, some
 dk gry and carb

880 - 910 10% Ss: AA
 90% Sh: gry-brn, frm, blky, sl slty, w/occ carb incl

10 - 40 20% Ss: AA
 80% Sh: AA

940 - 1030 100% Sh: gry, frm, plty, sl slty, w/carb incl

1030 - 60 10% Ss: wht, fg, sbrnd, cly fld, tite
 90% Sh: AA

1060 - 1120 100% Sh: gry-brn, frm, blky-plty, slty, w/carb incl

20 - 50 20% Ss: wht, fg, sbang, mod cly fld, poss sl porosity,
 w/occ carb incl
 80% Sh: gry-dk gry, frm, plty, carb

50 - 80 N.S.

1180 - 1210 50% Ss: wht, fg, sbang, mod cly fld, fair por, w/occ
 carb incl
 50% Sh: dk gry, frm, plty, sl slty, carb

10 - 40 20% Ss: AA
 80% Sh: AA
 Tr. Coal: blk, vit

40 - 70 10% Ss: AA
 90% Sh: gry-dk gry, frm, plty, sl slty, some bl gry
 and clayey

1270 - 1300 AA, w/tr. Coal: blk, vit

1300 - 50 N.S.

50 - 70 20% Ss: wht, fg, sbrnd, cly fld, tite, calc
 80% Sh: AA

70 - 80 80% Sh: gry-brn, frm, blky, slty, w/carb incl
 20% Coal: blk, vit

1380 - 1400 100% Sh: AA
 Tr. Ss: wht, fg, sbrnd, cly fld, tite, calc

1400 - 20 10% Ss: AA
 90% Sh: AA
 Tr. Coal: blk, vit

20 - 40 100% Coal: blk, vit

1440 - 50 10% Ss: wht, vfn-g, sbang, sl cly fld, fair por, calc
60% Sh: AA
30% Coal: AA

50 - 60 30% Ss: wht, f-mg, sbrnd, mod cly fld, fair por, calc,
s & p, feld, sl glauc
50% Sh: gry, frm, blk
20% Coal: AA

60 - 70 70% Ss: AA
30% Sh: AA
Tr. Coal: AA

70 - 80 100% Ss: AA, some cly fld and tite

80 - 90 70% Ss: AA
30% Sh: gry-brn, frm, blk, slty, w/carb incl

1490 - 1500 80% Ss: AA
20% Sh: AA

1500 - 20 90% Ss: wht, fg, sbrnd, cly fld, tite, s & p, calc
10% Sh: AA
Tr. Coal: AA

20 - 30 30% Ss: AA
70% Sh: gry-brn, frm, plty, sl lignitic

30 - 60 60% Ss: AA
40% Sh: AA

60 - 70 50% Ss: wht, f-vfn-g, sbang, mod cly fld, calc,
poss sl porosity, sl s & p, sl glauc
50% Sh: gry-lt brn, sft, blk, slty, fri

70 - 80 70% Ss: AA
30% Sh: AA

80 - 90 30% Ss: AA
70% Sh: AA, some dk gry and carb

1590 - 1600 20% Ss: wht, vfn-g, sbang, cly fld, tite, calc
80% Sh: AA

1600 - 20 10% Ss: AA
90% Sh: gry-brn, frm-sft, blk, vy slty, calc

20 - 30 100% Sh: AA

30 - 40 10% Ss: gry-wht, vfn-g, sbang, cly fld, tite, calc
90% Sh: AA

40 - 50 30% Ss: AA
70% Sh: AA, some gry and soft

1650 - 60 50% Ss: wht, vfn-g, mod cly fld, poss sl porosity,
 calc, w/occ carb incl
 50% Sh: gry-lt brn, soft, blk, slty, sl calc

60 - 70 10% Ss: AA
 90% Sh: AA

70 - 80 100% Sh: lt brn, sft, blk, vy slty-sl sndy, sl calc

80 - 90 20% Ss: gry-brn, vfn-g, sbang, shly, tite
 80% Sh: AA

1690 - 1710 100% Sh: AA

1710 - 38 N.S.